

INTRODUCTION TO PLANNING IN FLUVIAL GEOMORPHOLOGY - COURSE I

Who Should Attend:

- Land Conservation Department Employees
- Wisconsin Department of Natural Resources Water Management Specialists
- Those working on Watershed projects
- Wisconsin Department of Natural Resources Fisheries Managers
- Natural Resources Conservation Service employees who are involved in stream projects
- Contractors who are interested in stream rehabilitation work

Prerequisites:

- Some experience in hydraulics or hydrology
- Involvement in streams as part of normal workload

What You Will Learn:

- How to assess the stability of a stream
- Stream rehabilitation techniques
- How to assess the feasibility of soil bioengineering practices at a particular site in the field
- How to determine if a streambank erosion problem is site specific or system wide
- When various fish habitat structures will work and when they won't
- How to use Dave Rosgen's Stream Classification System in the field
- How to use Watson's (et. al.) Channel Evolution Model in assessing the stability of streams
- How to correctly put meanders back into a straightened channel

Dates:

October 6-10, 2008

Your Trainers:

BARRY SOUTHERLAND is a fluvial geomorphologist with the Natural Resources Conservation Service (NRCS) West National Technology Support Center (WNTSC) in Portland, Oregon. Previously Barry worked in the Spokane, WA State Office where he served in various positions with the NRCS including: soil conservationist, stream geomorphologist, and watershed planner. Barry has served 25 years with various federal agencies in the field of natural resource sciences. Twenty-four of 27 years of federal career service, has been with the NRCS. Previous to 1991 most of his NRCS (SCS) work was at field office positions such as soil conservationist, supervisory soil conservationist, team leader, and hydrologic unit (watershed) project coordinator. Barry completed and received his Ph.D. (NRCS Graduate Studies Program) in fluvial geomorphology at Washington State University in October of 2003. He also has MPA, BS, and AA degrees in natural resource science fields. Barry's principle expertise is geomorphic river restoration: training, analysis, planning, design, and implementation. He has completed numerous river restoration recommendations, designs, and other watershed-based studies.

KIP YASUMIISHI is an agricultural engineer with the Natural Resources Conservation Service (NRCS) at the West National Technology Support Center in Portland, Oregon. Kip is a native of Idaho and began his career with SCS (now NRCS) in 1975. Kip has worked as a Civil Engineer with NRCS (field office, Area Office, WNTC, and Regional Design Team); with the Corps of Engineers; and with the Rural Development Administration. He received a BS in Construction Engineering Mgt. (1981) and an MS in Civil Engineering (1984) both from Oregon State University. Kip is a Licensed Civil Engineer in California, Oregon, and Washington. He and his wife Christy have two children (and one dog).

Why Attend?

- Improve success rate of stream restoration projects
- Improve cost effectiveness of stream rehabilitation
- Improve stream habitat for fish and other wildlife dependent upon the riparian system
- Network with others working on similar problems

Where:

Ramada Convention Center
205 South Barstow Street
Eau Claire, Wisconsin

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REGISTRATION FORM

Registration form must be received by September 5.

Send to:

Kristine Welch
USDA, Natural Resources Conservation Service
8030 Excelsior Drive, Suite 200
Madison, WI 53717

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Registration Form

Name: _____

Agency: _____

Address: _____

City, State, Zip: _____

Phone: _____

E-mail: _____

Supervisor Approval: _____